Firmato digitalmente da
Stefano Colombo
CN = Colombo Stefano
O = Ordine degli Ingegneri della Provincia di Milano
C = IT

NOTE GENERALI:

A. TUTTE LE SERRANDE INDICATE IN QUESTA TABELLA DEVONO ESSERE FORNITE E INSTALLATE DALL'APPALTATORE.

B. LA SERRANDA DI RIPRESA ARIA DEVE ESSERE DOTATA DI RETE DI SICUREZZA IN ACCIAIO INOX 25×25 mm O RETE VERNICIATA A POLVERE CON FILO DI 2,5 mm∅. LA RETE IN ACCIAIO UTILIZZATA SARÀ PRESSATA, INTESSUTA O SALDATA. I PANNELLI RETE SARANNO INTEGRATI NELLA SERRANDA MEDIANTE L'UTILIZZO DI FISSAGGI DI SICUREZZA (DISPOSITIVI ANTISMANETTAMENTO CHE, UNA VOLTA INSTALLATI, NON POSSONO ESSERE RIMOSSI SENZA L'UTILIZZO DI UTENSILI DA TAGLIO), CONFORMEMENTE ALLE SPECIFICHE DI SICUREZZA AWS.

C. LA SERRANDA DI ARIA FRESCA DEVE ESSERE DOTATA DI RETE ANTIPASSERACEI, INSTALLATA SUL LATO INTERNO. FARE RIFERIMENTO ALLE SPECIFICHE PER I DETTAGLI. L'INSTALLAZIONE DEVE ESSERE COORDINATA CON LE PIASTRE DI FISSAGGIO E IL CONTENIMENTO DELL'ATTUATORE PER CONSENTIRE L'ACCESSO ALLA MANUTENZIONE.

-RETURN AIR DAMPER SCHEDULE- / TABELLA SERRANDE ARIA DI RIPRESA Copy 1

REFERENCE/ RIFERIMENTO	LEVEL/ PIANO	TYPE/TIPOLOGIA	SIZE (DIMENSIONI) W x H (mm)		PHASE/ FASE
			W	H	
RAD 1.1-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-009	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.1-010	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 01
RAD 1.2-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.2-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 02
RAD 1.3-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 1.3-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 03
RAD 2.1-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-009	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.1-010	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 04
RAD 2.2-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.2-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 05
RAD 2.3-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.3-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 06
RAD 2.4-001	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-002	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-003	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-004	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-005	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-006	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-007	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
RAD 2.4-008	Level 00	RETURN AIR DAMPER	4529	2760	PHASE 07
Grand total: 59					

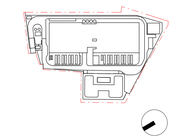
-OUTSIDE AIR DAMPER SCHEDULE- / TABELLA SERRANDE ARIA ESTERNA Copy 1

REFERENCE/ RIFERIMENTO	LEVEL/ LIVELLO	TYPE/ TIPOLOGIA	SIZE/DIMENSIONE W x H (mm)		PHASE/ FASE
			W	H	
OAD 1.1-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-009	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.1-010	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 01
OAD 1.2-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.2-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 02
OAD 1.3-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 1.3-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 03
OAD 2.1-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-009	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.1-010	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 04
OAD 2.2-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.2-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 05
OAD 2.3-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.3-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 06
OAD 2.4-001	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-002	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-003	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-004	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-005	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-006	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-007	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
OAD 2.4-008	Level 00	OUTSIDE AIR DAMPER	4500	3080	PHASE 07
Grand total: 60					

-PRESSURE RELIEF DAMPER SCHEDULE / PROGRAMMA DELLO SMORZATORE DI SCARICO DELLA PRESSIONE - Copy 1

REFERENCE / RIFERIMENTO	PHASE / FASE	LEVEL / PIANO	HEIGHT (mm) / ALTEZZA	WIDTH (mm) / LARGHEZZA	DEPTH (mm) / PROFONDITÀ	AIRFLOW (l/s) / FLUSSO D'ARIA	PRESSURE (Pa) / PRESSIONE	MANUFACTURER / FORNITORE	COUNT / QUANTITÀ TOT.	QUANTITY / QUANTITÀ PARZIALE
PRESSURE RELIEF DAMPER	PHASE 01	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	20	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 02	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	16	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 03	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	16	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 04	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	20	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 05	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	16	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 06	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	16	4 PER COLD AISLE
PRESSURE RELIEF DAMPER	PHASE 07	Level 00	1275	1000	85	1750	35	WATERLOO PRDS	16	4 PER COLD AISLE
Grand total: 120										

Key Plan



Rev.	Data	Descrizione
P01	31/10/2025	Permesso di Costruire

Zibido San Giacomo

BRUNO MATTEO
ORDINE DEGLI INGEGNERI DELLA PROV. DI MILANO
N. 23.583
C.F. BRNMTT80T07F205Z
ING. BRUNO MATTEO

Progettazione masterplan, Progettazione architettonica, Progettazione ingegneristica

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Committente

Amazon Data Services Italy S.r.l.

Progetto

PERMESSO DI COSTRUIRE
art. 10(L), D.P.R. 6 Giugno 2001, n° 380

Progetto di Data Center
in Via G. Verdi n° 9, Zibido San Giacomo,
Milano, Italia

Fase progettuale:

Permesso di Costruire

Titolo Elaborato:

EDIFICIO A - SCHEDA ATTREZZATURA
MECCANICA TAVOLA 6

Scala
N/A

Disciplina	By / Chkd / Appd
Meccanico	OH/VM/FP
Arup Job No	**Rev**
306134-00	P01

Tav. No
Z-M-PDC-SC-XX-14

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